**Title** : The Athletic Club Ruberic

**Description** :   A rubric in student language written for students to self-assess the completion of a creating and solving a word problem.

**Keywords** : Analyze, problems, process, strategies, synthesize, evaluate

**Instructions** : Use this rubric as you work through and complete the math problem.

**Categories**

**Grade Level** : 6-8

**Subject** : Math

**Type of Assessment** : Self-management/Self-direction

|  | **4** | **3** | **2** | **1** |
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| Determines the Problem | I show that I understand ideas and processes by identifying all of the important elements and leaving out unnecessary information. | I show that I understand some of the ideas and processes by identifying most of the important elements and necessary information. | I show that I understand some ideas and processes, but I sometimes do not express them clearly. I only identify some of the important elements and assume or use unnecessary information. | I do not show that I understand ideas and processes. I need help to identify the elements of the task. |
| Chooses Strategy | I change the problem into useful processes using correct terms and logic. I choose the most efficient skills, strategies, and processes. | I change the problem into useful processes. I choose skills, strategies, and processes that fit the problem. | I use only part of the information given in the problem. I choose skills, strategies, and processes that only partially fit the problem. | I change the problem into incorrect processes. I need help to choose skills, strategies, or processes. |
| Reviews Work | I review my work using a different strategy and explain which strategy is easier to evaluate. | I review my work to see if it makes sense. | I review my work using the same strategy. | I do not review my work. |
| Applies Strategy | I communicate effectively with complete responses. I have a clear, coherent, and logical explanation that uses strong supporting evidence, examples, and counterexamples. | I have a clear response, but some people may not understand my thinking. I include some supporting arguments. | My response is incomplete and my explanation is confusing. My arguments are unfinished and unconvincing. | I leave out portions of the problem. I have errors in my response. |
| Uses Diagrams and Models | I include clear and elegant diagrams and models. | My diagrams and models are appropriate for the problem. | My diagrams and models are unclear. | I use diagrams and models that conflict with the problem. |
| Makes Connections | I go beyond the requirements of the problem and find a relationship, connection, or extension to a new situation or concept. | I complete the requirements of the problem, but I do not go beyond. If asked, I can connect and apply the answer to a new problem, but I may not see relationships or connections to other concepts or situations. | I do not complete the requirements of the problem. I partially connect and apply my answer to a new problem, but my connection may be incorrect. | I cannot complete the requirements of the problem without assistance. My connections do not apply, and I don’t provide evidence that the solution makes sense. |